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Meteorological Observations made at the Apartments of the Royal Society, LONDON, *by the Assistant Secretary*, Mr. Roberton; *by* Mr. Thompson *at the Garden of the Horticultural Society at* CHISWICK, *near London*; *by* Mr. Veall, *at* BOSTON; *by the* Rev. W. Dunbar, *at Applegarth Manse*, DUMFRIES-SHIRE; *and by the* Rev. C. Clouston, *at Sandwick Manse*, ORKNEY.

Days of Month.	Barometer.								Thermometer.										Wind.					Rain.					Dew-point
1842. Sept.	London: Roy. Soc. 9 a.m.	Chiswick.		Boston. 8½ a.m.	Dumfries-shire.		Orkney, Sandwick.		London: R.S.			Chiswick.		Boston. 8½ a.m.	Dumf.-shire.		Orkney, Sandwick.		London: R.S. 9 a.m.	Chiswick. 1 p.m.	Boston.	Dumfries-shire.	Orkney, Sandwick.	London: R.S. 9 a.m.	Chiswick.	Boston.	Dumfries-shire.	Orkney, Sandwick.	Lond. R. S. 9 a.m.
		Max.	Min.		9 a.m.	9 p.m.	9½ a.m.	8½ p.m.	Fahr. 9 a.m.	Self-reg. Mx.	Self-reg. Mn.	Max.	Min.		Max.	Min.	9½ a.m.	8½ p.m.											
1.	30·034	30·003	29·902	29·44	29·68	29·78	29·54	29·62	58·5	62·0	55·0	66	58	55	65	49½	54	56	s.	sw.	nw.	w.	s.	·166	·46	·12	.....	·43	57
2.	30·170	30·175	30·075	29·50	29·90	29·99	29·70	29·88	68·7	70·3	58·0	81	58	68	66	60	57	54	nnw.	w.	w.	w.	sw.	·311	.....	.....	.....	·10	64
3.	30·286	30·203	30·153	29·57	30·00	30·02	29·98	30·15	62·5	76·0	60·4	74	53	68	63½	58	54½	49	nw.	w.	w.	w.	e.	.....	.....	.....	.....	·23	53
4.	30·274	30·197	30·193	29·60	30·15	30·14	30·16	30·20	61·3	70·6	57·3	74	49	63	66½	42	50	50	sw.	nw.	calm	s.	w.	.....	·61	.....	.....	.....	62
5.	30·268	30·196	30·036	29·63	30·05	29·85	30·13	29·95	63·7	70·2	56·4	74	47	61	69½	41	53½	51½	se.	s.	calm	sw.	se.	.....	.....	.....	.....	·16	61
6.	30·008	30·025	29·942	29·35	29·80	29·83	29·84	29·91	64·0	71·3	57·6	73	46	63	63	48	55	53½	sse.	w.	calm	w.	w.	.....	.....	.....	.....	·36	60
7.	29·928	29·886	29·427	29·37	29·78	29·50	29·85	29·68	62·0	70·8	54·8	73	58	60	64	41	58½	55	e.	e.	calm	s.	w.	.....	·55	.....	0·87	·04	59
8.	29·466	29·616	29·396	28·78	29·32	29·38	29·52	29·40	63·4	70·4	60·3	62	51	61	63	53	55	54	s.	sw.	w.	ene.	se.	·383	·64	·40	.....	.....	62
9.	29·574	29·527	29·427	28·98	29·24	.....	29·38	29·24	61·7	66·6	54·6	66	53	57·5	64½	49½	56	55	s.	sw.	sw.	.....	w.	·594	·06	·06	.....	·28	59
10.	29·458	29·577	29·385	28·85	.....	.....	29·40	29·61	60·7	67·4	56·3	66	51	60·5	...	48	58	51	sw var	w.	w.	.....	ne.	·022	·07	·25	.....	·25	59
11.	29·720	29·683	29·655	29·13	.....	.....	29·76	29·78	59·9	65·0	52·7	67	53	58	...	...	55	53	w.	w.	nw.	.....	.....	·052	.....	·12	.....	.....	57
12.	29·844	29·930	29·788	29·28	.....	.....	29·85	29·99	60·3	65·3	56·2	68	45	57	...	...	56	52	nw.	n.	w.	.....	w.	.....	.....	·04	.....	.....	57
13.	30·144	30·126	30·071	29·60	.....	.....	29·97	30·10	59·0	66·4	52·4	68	51	58	...	...	56	58	n.	ne.	n.	.....	s.	.....	.....	.....	.....	·14	58
14.	30·234	30·167	30·149	29·67	.....	30·10	30·14	30·20	62·0	66·6	55·0	72	53	62	64½	...	61	58½	n.	ne.	calm	wnw.	sw.	.....	.....	.....	.....	.....	59
15.	30·216	30·144	30·101	29·66	30·07	29·97	30·10	29·93	61·5	70·0	57·2	74	45	62	65	52	60	57½	n.	e.	calm	sw.	se.	.....	.....	.....	0·37	.....	60
16.	30·150	30·087	29·918	29·55	29·92	29·80	29·91	29·84	58·3	69·3	54·8	72	48	61	65	57	60	57	e.	e.	calm	sw.	se.	.....	.....	.....	.....	.....	59
17.	29·852	29·787	29·720	29·26	29·51	29·58	29·51	29·56	65·7	68·3	56·2	74	51	65	63½	55	58	53	e.	se.	s.	sw.	se.	.....	·29	.....	.....	.....	60
18.	29·810	29·757	29·611	29·22	29·63	29·64	29·69	29·82	56·5	71·0	54·4	62	48	58	63½	44	54	48½	n.	se.	calm	s.	sw.	·261	·10	·22	.....	.....	59
19.	29·644	29·583	29·543	29·07	29·46	29·40	29·69	29·49	61·0	65·4	52·4	68	39	56	63	46	53½	50	s.	s.	calm	se.	ne.	·205	·08	·18	.....	.....	59
20.	29·570	29·522	29·478	29·04	29·35	29·40	29·66	29·63	58·7	65·4	50·6	63	40	55	63	47	52½	50½	sw.	sw.	calm	ese.	ne.	·033	·02	.....	.....	·56	55
21.	29·534	29·464	29·458	29·05	29·43	29·48	29·58	29·66	57·7	64·3	49·7	65	38	52	59	44⅓	51	48½	ssw.	sw.	calm	ne.	n.	·063	·02	.....	.....	·31	54
22.	29·528	29·494	29·460	29·06	29·49	29·42	29·65	29·68	49·8	62·2	44·4	60	42	48	59	42½	50	54	w.	w.	calm	sw.	n.	.....	·01	.....	0·20	·06	52
23.	29·534	29·494	29·346	28·98	29·40	29·47	29·73	29·70	52·3	59·7	46·7	56	47	50	62½	47½	53	51	s.	nw.	nw.	ne.	ne.	.....	·36	·65	.....	·13	51
24.	29·400	29·424	29·341	28·93	29·45	29·52	29·88	29·86	52·4	58·4	48·6	59	52	57	58	47	50	48	e.	ne.	e.	ne.	n.	·630	·06	1·15	.....	.....	53
25.	29·580	29·642	29·536	29·12	29·67	29·80	29·96	30·11	55·7	57·3	46·6	62	51	54	58	48	49	47½	n.	ne.	calm	ne.	n.	·111	·26	·02	.....	.....	54
26.	29·866	29·906	29·795	29·35	29·99	30·10	30·23	30·27	57·0	62·7	52·6	62	49	59	57	49	49	51	n.	e.	calm	ne.	n.	·338	·08	.....	.....	·03	55
27.	29·934	29·929	29·859	29·45	30·10	30·12	30·30	30·38	52·2	62·0	50·5	58	49	56·5	57	43½	52½	48	nne.	ne.	e.	ne.	n.	·088	·27	.....	.....	.....	50
28.	30·110	30·059	30·047	29·56	30·24	30·29	30·46	30·55	52·7	54·8	50·0	58	48	54	53½	45	48	45	n.	ne.	e.	n.	ne.	·288	.....	·03	.....	.....	50
29.	30·080	30·093	30·026	29·66	30·33	30·35	30·58	30·56	53·5	58·7	49·6	58	45	52	57	42	51	43	ne var	ne.	e.	ene.	e.	.....	·04	·22	.....	.....	49
30.	30·208	30·150	30·138	29·72	30·32	30·27	30·47	30·40	52·3	59·3	47·5	57	44	53	57	41	53	50	ne.	ne.	calm	ne.	w.	.....	·01	·26	0·13	·05	47
Mean.	29·881	29·861	29·765	29·31	29·771	29·812	29·887	29·905	58·8	65·6	53·5	66·40	48·73	58·1	61·6	47·7	54·13	51·76						Sum. 3·545	3·99	3·72	1·57	3·13	Mean. 57